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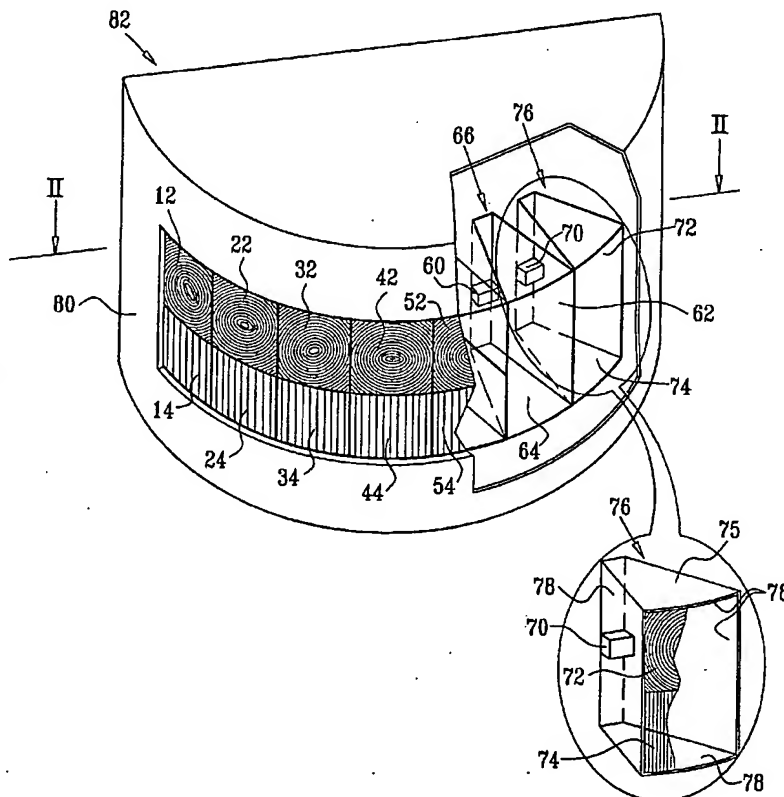
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- (71) Applicant (for all designated States except US): **VISONIC LTD.** [IL/IL]; P.O. Box 22020, 61220 Tel Aviv (IL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **KOTLICKI, Yaa-cov** [IL/IL]; 50 HaMarganit Street, 52584 Ramat Gan (IL). **ZHEVELEV, Boris** [IL/IL]; 2/14 Hairis Street, 75425 Rishon Lezion (IL). **LAHAT, Michael** [IL/IL]; 2/12 Hakeshet Street, 55401 Kiryat Ono (IL).
- (74) Agent: **SANFORD T. COLB & CO.**; P.O. Box 2273, 76122 Rehovot (IL).
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(54) Title: PASSIVE INFRA-RED DETECTORS



(57) Abstract: A passive infra-red detector including at least three sub-detectors (16) (26) (36), each sub-detector being operative to receive infra-red radiation from a corresponding one of at least three sub fields-of-view, each sub field-of-view (87) (88) being exclusively defined by an optical element which does not define any other sub field of view, the sub fields-of-view being angled with respect to each other, adjacent ones of the sub fields-of-view being separated by a gap of no more than 30 degrees and at least one of the sub fields-of-view having at least one of the following characteristics: extending over no more than 45 degrees in azimuth; and including not more than three azimuthally distributed detection zones (1817)(1818), and signal processing circuitry, operative to receive output signals from the sub detectors (16) (26) (36) and to provide a motion detection output.

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